

# Charles M S

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## SUMMARY

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CS undergraduate with hands-on experience building LLM-powered applications, conversational AI systems, and workflow automation tools. Backed by multiple hackathon wins and real internship delivery, looking to contribute to intelligent voice and chatbot automation solutions that create measurable business impact.

## SKILLS

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**Programming:** Python, Java, SQL, TypeScript

**Frameworks:** numpy, Pandas, PyTorch, YOLO, Next.js

**Software:** Postman, Git, Docker, Microsoft Azure.

## NOTABLE PROJECTS

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### RAVEN

[\[Github »\]](#)

- AI-powered Real-time Accident & Vigilance Enhanced-Surveillance Network for city roads, with custom trained ML models to respond to critical events and divert traffic, along with a communication network on Telegram.

### WATSON

[\[Github »\]](#)

- Blockchain analyzer for transactions, user accounts, market state through a custom weighted LLM models and data fetched through Blockscout MCP servers.

### Esmond

[\[Github »\]](#)

- Web3 payroll platform with on-chain salary automation, milestone escrow, and subscription billing powered by a stateless Rust/RISC-V smart contract and XCM cross-chain routing.

### Yoshino

[\[Github »\]](#)

- AI integrated intent-based privacy layer for DeFi that protects users from MEV and front-running through Sui Seal encryption and DeepBook V3 atomic settlements.

## ACHIEVEMENTS

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### Polkadot Solidity Hackathon

**Virtual**

*PVM Smart Contracts (\$3000)*

March 2026

- Built a decentralized payroll system on Polkadot with on-chain salary automation, milestone escrow, and cross-chain subscription billing using Rust smart contracts.

### NullShot Hacks Season 0

**Virtual**

*2<sup>nd</sup> Place, Overall Winner (\$2,000)*

December 2025

- Built an AI powered blockchain analyzer with Blockscout MCP and custom weighted LLM models.

### Polkadot Hackathon

**Virtual**

*Polkadot Tinkerer (\$500)*

December 2025

- Built a culture preserving heritage ledger chain on Polkadot parachain where users earn by sharing cultural history.

### ETHGlobal New Delhi

**Delhi, India**

*4<sup>th</sup> Place under Sponsor track (\$1,500)*

September 2025

- Built a Node based visual automation tool for 0G Mainnet with AI agents for real-time chain updates.

### Envision 2025, LICET

**Chennai, India**

*Winner (\$130)*

August - September 2025

- Built an AI-powered Real-time Accident & Vigilance Enhanced-Surveillance Network (RAVEN)

## INTERNSHIP

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### Cars Arabia (Remote)

**Dubai, UAE**

*Full-stack developer*

June – July 2025

- Developed the official website for the company, increasing its user engagement by 40%
- Built the core software for internal automation, including inventory management, invoice and billing systems.

## EDUCATION

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### Loyola-ICAM College Of Engineering and Technology (LICET)

**Chennai, India**

- Candidate for a Bachelor of Engineering degree in Computer Science and Engineering September 2023 - Present
- Relevant Coursework: AI-ML, Python, Data Science, Data Structures, Mathematics CGPA 8.01/10

## CERTIFICATIONS

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- Introduction to Machine Learning (NPTEL)
- Python for Data Science (NPTEL)